

1/9

FIG.1

SAMPLE	SUCROSE	MANNITOL
EXAMPLE 1	2.5g	0g
EXAMPLE 2	1.5g	1.0g
EXAMPLE 3	1.25g	1.25g
EXAMPLE 4	1.0g	1.5g
EXAMPLE 5	0.5g	2.0g
COMPARATIVE EXAMPLE 1	0g	2.5g

FIG.2

SAMPLE	SUCROSE	MANNITOL
EXAMPLE 6	5.0g	0g
EXAMPLE 7	3.0g	2.0g
EXAMPLE 8	2.5g	2.5g
EXAMPLE 9	2.0g	3.0g
EXAMPLE 10	1.0g	4.0g
COMPARATIVE EXAMPLE 2	0g	5.0g

FIG.3

SAMPLE	SUCROSE	MANNITOL
EXAMPLE 11	2.5g	0g
EXAMPLE 12	1.25g	1.25g
COMPARATIVE EXAMPLE 3	0g	2.5g

FIG.4

SAMPLE	SUCROSE	MANNITOL
EXAMPLE 13	5.0g	0g
EXAMPLE 14	2.5g	2.5g
COMPARATIVE EXAMPLE 4	0g	5.0g

10/555343

2/9

FIG.5

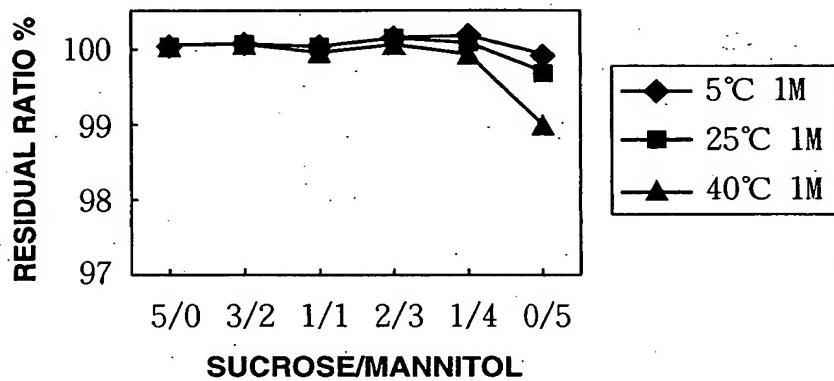
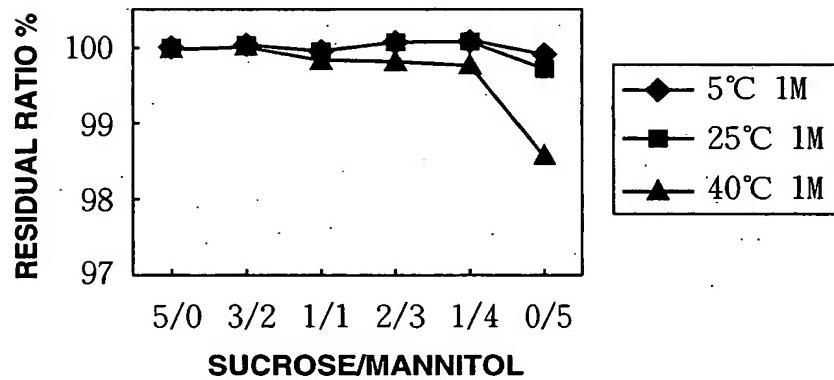
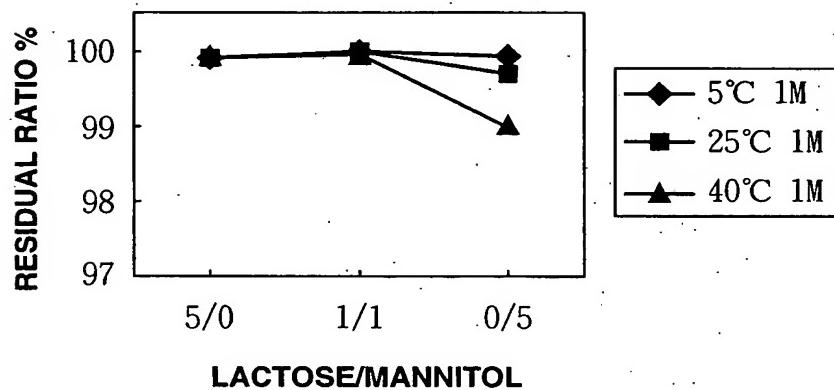
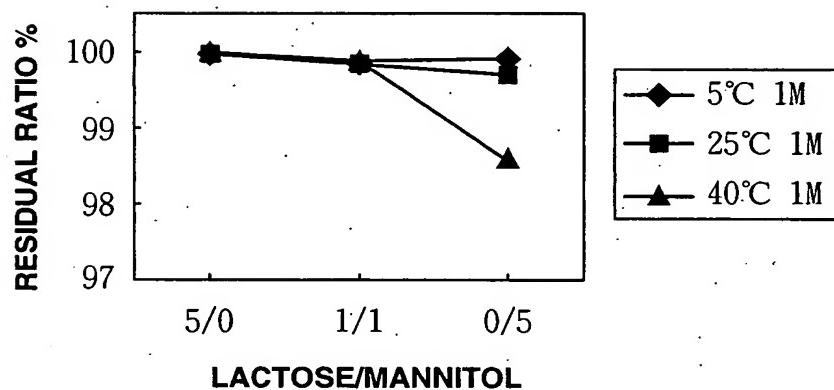


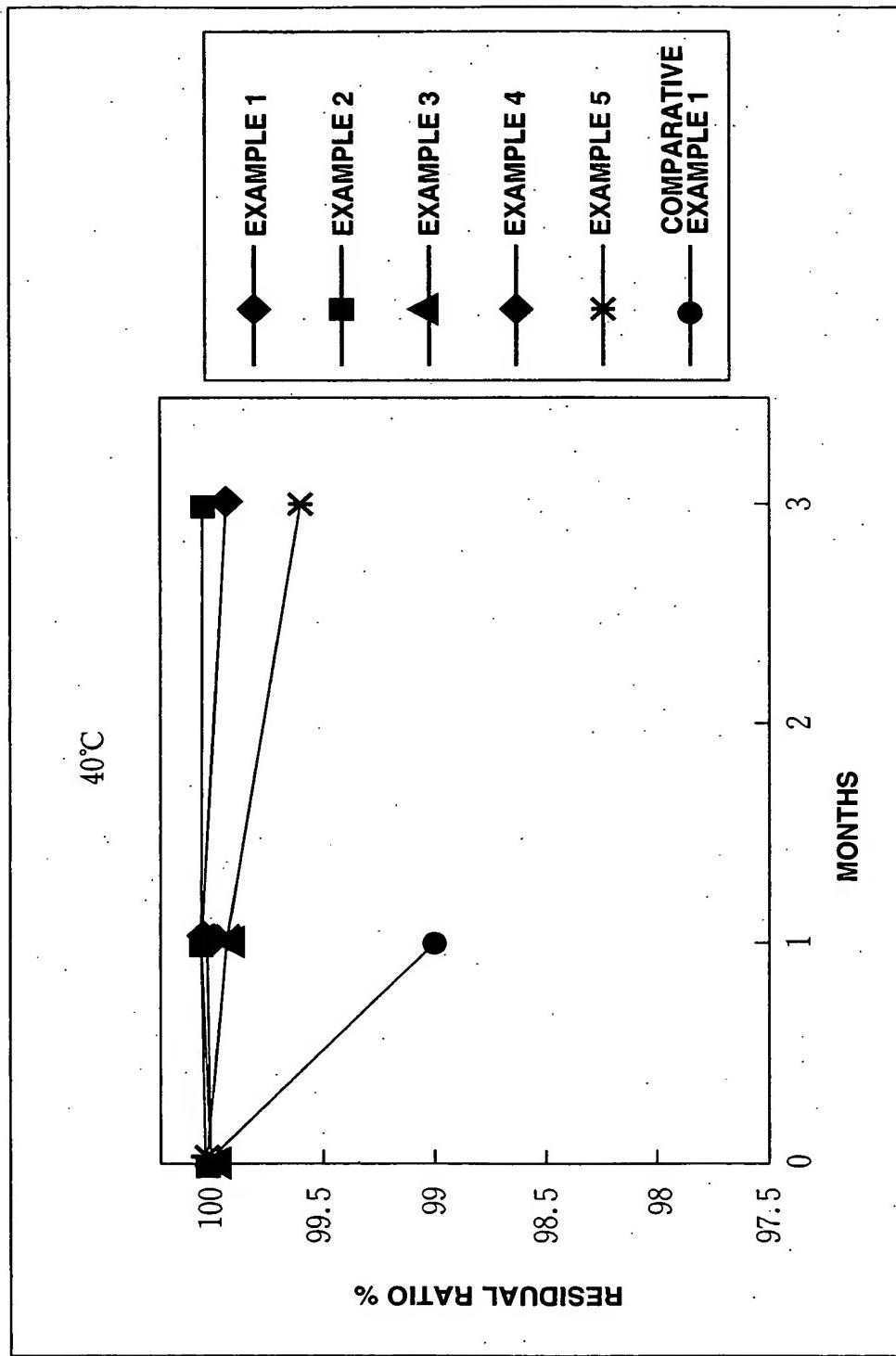
FIG.6



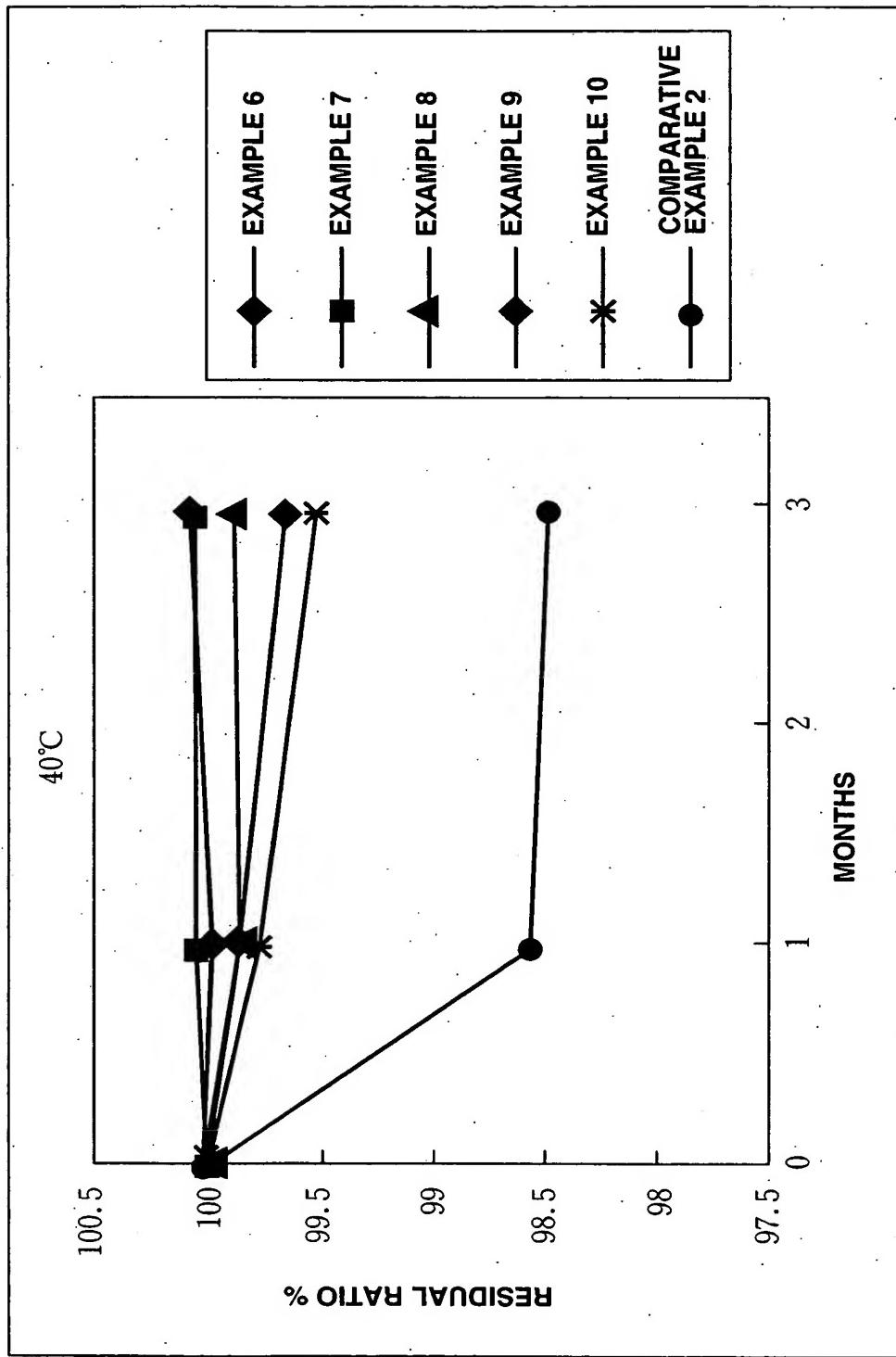
3/9

FIG.7**FIG.8**

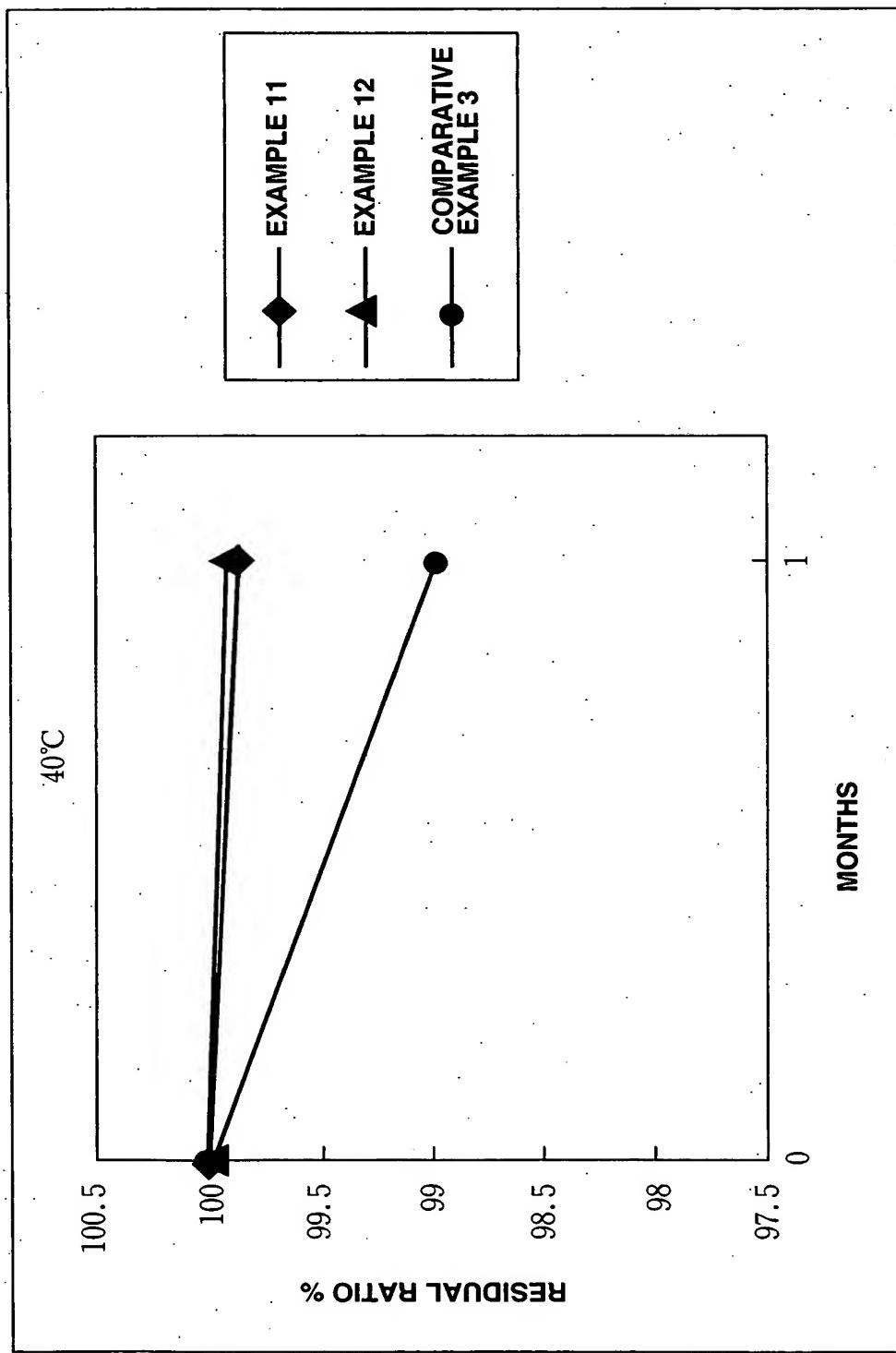
4/9

FIG.9

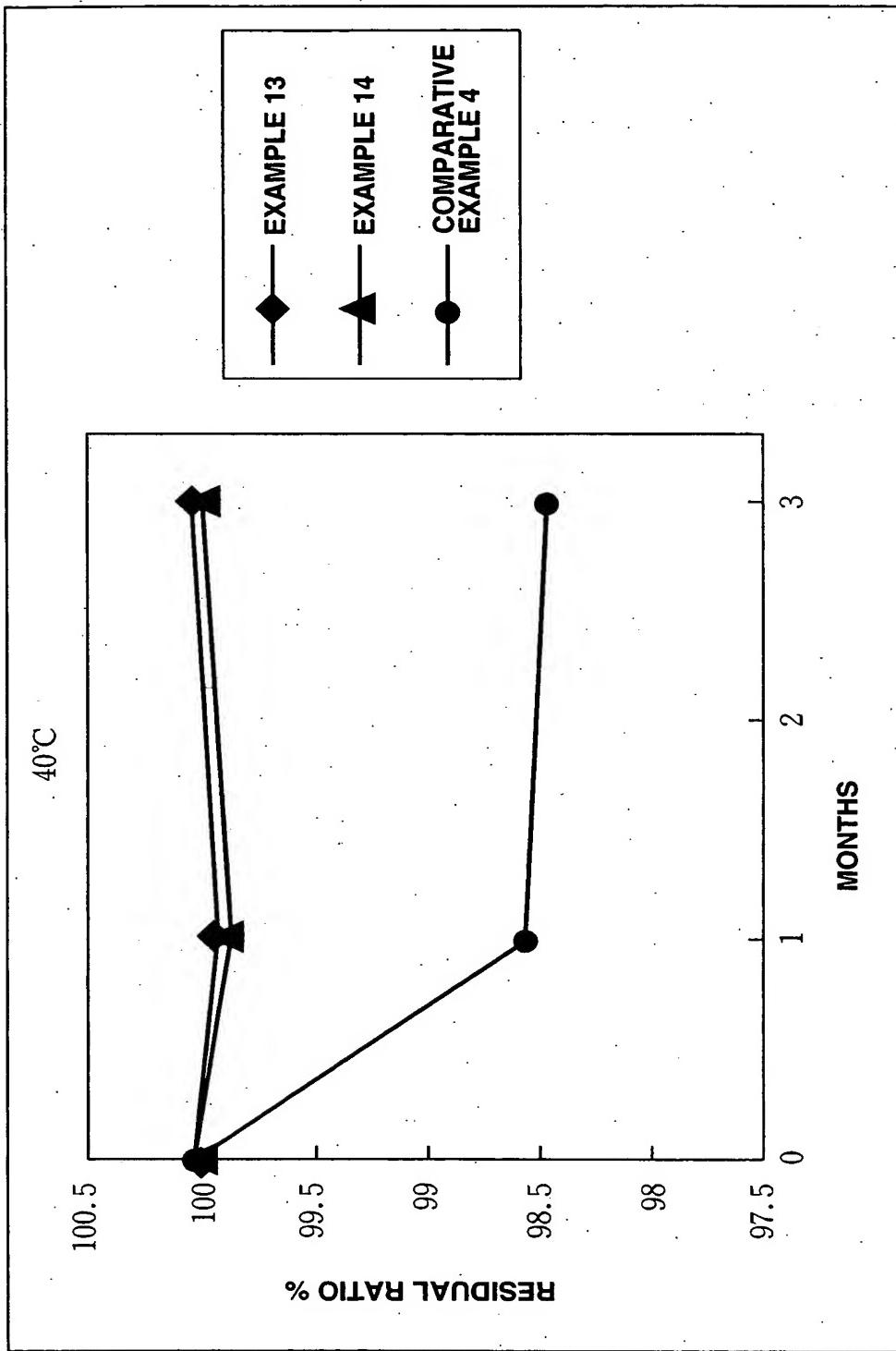
5/9

FIG. 10

6/9

FIG. 11

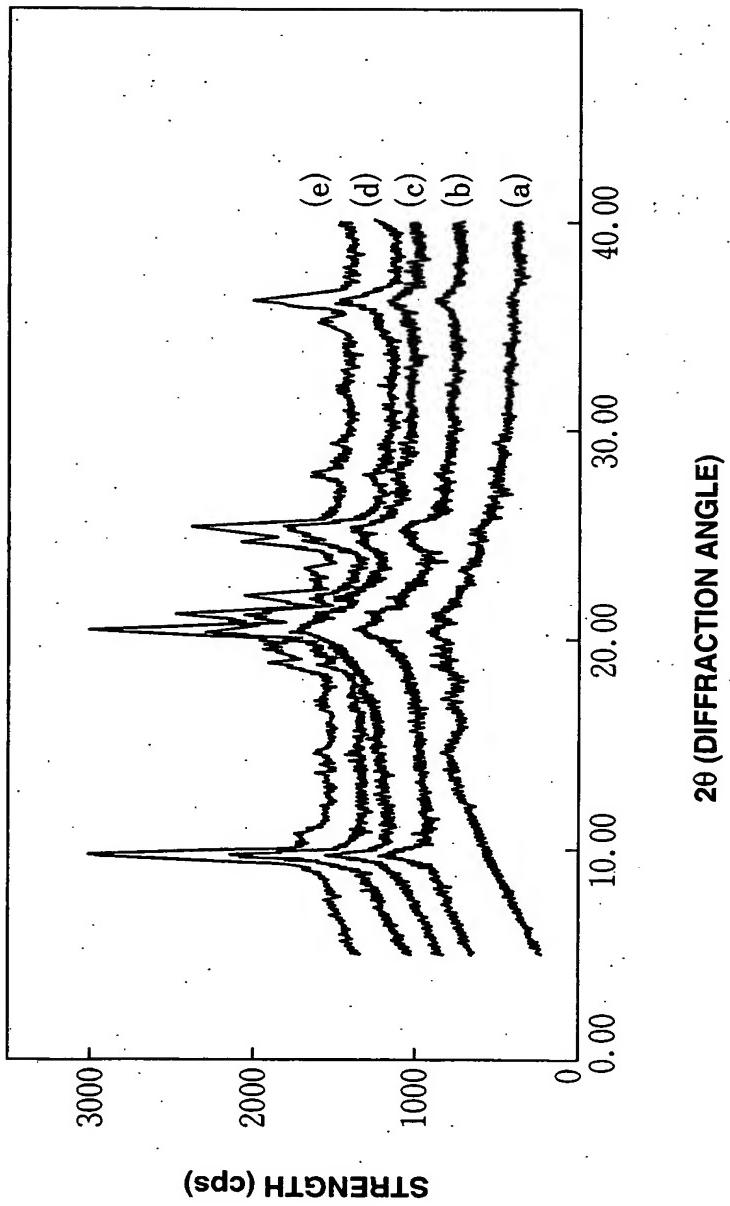
7/9

FIG. 12

10/555343

8/9

FIG.13



9/9

FIG.14

	AMOUNT
METHYLCOBALAMIN	25mg
MANNITOL	125mg
PURIFIED WATER FOR INJECTION	TO TOTAL OF 5mL

FIG.15

	INITIAL		5°C 3M		25°C 3M		40°C 3M	
	B12-CH ₃	B12-OH						
WITH ANNEALING	99.80	0.15	99.71	0.23	99.33	0.57	98.17	1.39
WITHOUT ANNEALING	99.74	0.21	99.82	0.18	99.59	0.34	99.21	0.63

B12-CH₃ : METHYLCOBALAMIN
 B12-OH : HYDROXYCOBALAMIN